Type Examination Certificate

This is to certify that:

Luxecasting Poland Bodtech Sp. z o.o.
Wodzisław Śląski,
ul. Mszańska 1A,
Wodzisław Śląski
44-304
Poland

Holds Certificate Number: BSI/MED/3.29/770026

In respect of:

MED/3.29
Fire Hoses - Non-percolating lay flat fire fighting hoses (up to and including 52 mm diameter)

Product - 38 mm, 45 mm, 52 mm Non-Percolating Lay Flat Fire-Fighting Hose for Fixed Systems

Specified Standard - EN 14540:2014

On the basis that BSI carried out the relevant EU type examination procedures for the equipment identified above which was found to be in compliance with the Marine Equipment Directive (MED) 2014/90/EU as amended by Directive (EU) 2021/1206 and Regulation (EU) 2021/1158, subject to any conditions in the schedule attached hereto. The attached schedule of approval forms part of this certificate.

For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 2797):

Drs. Dave Hagenaars, Managing Director

First Issued: 2022-07-20 Latest Issue: 2022-07-20 Expiry Date: 2027-05-31

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BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands
A member of BSI Group of Companies.

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No. BSI/MED/3.29/770026

Schedule of Approval

Product Designation :

Model	Description
15-38-XX	15BAR, 38mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length. Max Length 25Mtrs
15-45-XX	15BAR, 45mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length. Max Length 25Mtrs
15-52-XX	15BAR, 52mm Inside Diameter, Non-percolating Lay Flat Fire Fighting Hose. XX = Length. Max Length 25Mtrs

Product Requirement:

Inside Diameter (mm)	Tolerance (mm)	Maximum mass per unit length (kg/m)	Normal working pressure (Mpa)	maximum working pressure (Mpa)	Proof Pressure (Mpa)	Minimum burst pressure (Mpa)
38	-0.5 +1.5	0.24	1.0	1.5	2.25	4.5
45		0.29	1.0	1.5	2.25	4.5
52		0.35	1.0	1.5	2.25	4.5

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Approval Documentation that forms part of this certification:

Drawing No.	Rev/Issue	Date	Description
15-38-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
15-45-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
15-52-25	0	02/05/2017	General Drawing, covering lengths 10Mtrs, 15Mtrs, 20Mtrs & 25Mts
SUPPORTING DOCUMENTATION			
Technical File	BSI Ref. 3664341		
Test Report	201670092, 201670093 & 201670094 dated 13/02/2017		

Issue date	Comments	BSI Review No.
July 2022	First Issue	2797:22:3664342

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Conditions of Certification

i) This certificate remains valid unless cancelled or revoked, provided the conditions listed below are complied with and the equipment remains satisfactory in service.

ii) The equipment detailed on page 1 on this certificate is to be manufactured in accordance with Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Marine Equipment Directive

iii) SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. X/3, IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7 requirements, as applicable.

iv) The certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the approved body named on this certificate

v) Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to they being placed on board vessels to which the amended regulations or standards apply

vi) Production tests are to be conducted in accordance with the applicable requirements of the IMO Resolutions and applicable standards and be recorded by the manufacturer in accordance with the approved Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Marine Equipment Directive.

vii) Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity".

viii) Detailed User instructions are to be provided with each product.

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